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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,671	01/21/2004	Loretta E. Allen	84196CF-9	3403

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EXAMINER

HENDERSON, MARK T

ART UNIT	PAPER NUMBER
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3722

DATE MAILED: 05/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/761,671	Applicant(s) ALLEN ET AL.	
	Examiner Mark T Henderson	Art Unit 3722	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____ | 6) <input type="checkbox"/> Other: ____ |

Art Unit:

DETAILED ACTION

Faxing of Responses to Office Actions

In order to reduce pendency and avoid potential delays, TC 3700 is encouraging FAXing of responses to Office Actions directly into the Group at (703)872-9306. This practice may be used for filing papers which require a fee by applicants who authorize charges to a PTO deposit account. Please identify the examiner and art unit at the top of your cover sheet. Papers submitted via FAX into TC 3700 will be promptly forwarded to the examiner.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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1. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Yamauchi et al (5,575,507).

Yamauchi et al discloses in Fig. 2-4 a media comprising an image-receiving layer (8) on which a 1st image indicia (2) is formed; a protective overlayer (4) provided over the image-receiving layer (8), wherein the protective overlayer has a second image indicia (5) formed thereon that is machine readable (Col. 4, lines 20-23).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 2, 3, 4, 6 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamauchi et al.

Yamauchi et al discloses a media and further a label comprising all the elements as claimed in Claim 1 and as set forth above. Yamauchi et al further discloses wherein the indicia is

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transparent so as to allow viewing of the image, and comprises an IR absorbing dye (Col. 4, lines 5-26)

However, Yamauchi et al does not disclose: wherein the image is formed using a thermal head; and wherein 1st indicia is machine readable; and the 2nd indicia is identical in content to, and in register with the first indicia in the image layer.

In regards to **Claims 2 and 7**, the method of using a thermal head to form an image does not structurally limit the claim. The patentability of a product does not depend on its method of production. If the product in the product-by-process claim is the same as or obvious from a product of the prior art, the claim is unpatentable even though the prior art was made by a different process (see MPEP 2113). Therefore, it would be obvious to use any device to form the image on the image-receiving layer.

In regards to **Claim 6**, it would have been obvious to one having ordinary skill in the art at the time the invention was made to incorporate any type of indicia, since it would only depend on the intended use of the assembly and the desired information to be displayed. Further, it has been held that when the claimed printed matter is not functionally related to the substrate it will not distinguish the invention from the prior art in terms of patentability. The fact that the content of the printed matter placed on the substrate may render the device more convenient by providing an individual with a specific type of form does not alter the functional relationship. Mere support by the substrate for the printed matter is not the kind of functional relationship necessary for patentability. Therefore, it would have been obvious to place any type of indicia on the protective

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layer, since applicant has not disclosed the criticality of having a particular indicia, and invention would function equally as well with any type of indicia.

It also would have been obvious to one having ordinary skill in the art at the time the invention was made to place the 2nd indicia at any desirable location, since it has been held that rearranging parts of an invention involves only routine skill in the art. Therefore, it would have been obvious to place the indicia at any location, since applicant has not disclosed the criticality of the indicia being at a particular location, and invention would function equally as well if the 2nd indicia is placed at any desirable location on the protective overlayer.

3. Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yamauchi et al in view of Waldhoff (5,316,343).

Yamauchi et al discloses a media and further a label comprising all the elements as claimed in Claim 1 and as set forth above. However, Yamauchi et al does not disclose a media substrate comprising an adhesive layer for securing to an item.

Waldhoff discloses in Fig. 2 and 3, a media (16) having a substrate with a protective layer (32) and an adhesive layer (24).

Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Yamauchi et al's media with an adhesive layer as taught by Waldhoff for the purpose of securing the substrate to an item.

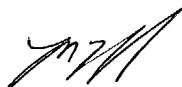
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Prior Art References

The prior art references listed in the attached PTO-892, but not used in a rejection of the claims, are cited for (their/its) structure. Allen et al, Holt et al, Soules et al, Simpson et al, Soules et al ('623), Ueno et al, Ueno et al ('212), Saito et al, Kurokawa et al, Oshima et al, Takeyama et al, Oshima et al ('234) and Miller disclose similar medias and labels.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark T. Henderson whose telephone number is (703)305-0189. The examiner can be reached on Monday - Friday from 7:30 AM to 3:45 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner supervisor, A. L. Wellington, can be reached on (703) 308-2159. The fax number for TC 3700 is (703)-872-9302. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 3700 receptionist whose telephone number is (703)308-1148.



MTH

May 13, 2004



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SUPERVISORY PATENT EXAMINER
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